Bruhat Bengaluru Mahanagara Palike
Office of the Executive Engineer Electrical South, South Zone office complex, 9th main, 9th cross, Jayanagara 2nd block, Bengaluru - 560011
Email: ele.bbmp@gmail.com

No. EE/Ele/S/Qtn/02/2025-26.
Date: 22-07-2025

INVITATION FOR QUOTATION (Through GOK e-Procurement Portal only)

1. The Executive Engineer, Electrical South, BBMP, invites rates on behalf of the Chief Commissioner, BBMP Bengaluru through e-procurement portal of the Government of Karnataka (viz., https://kppp.karnataka.gov.in). The Tenderers are advised to note the minimum qualification criteria specified in the conditions.
2. Details may be downloaded from the e-procurement KPP portal of the Government of Karnataka.
3. Other details can be seen in the e-portal.

Table

Sl NO	Item Name	Unit	Qty
1.	Hire charges for Supply, Fixing, Wiring, Servicing &Maintaining of 4 feet 36-40 Watts LED type Tube light fitting with accessories.' **Upto 3 Days**	Set	1
2.	Hire charges for Supply, Fixing, Wiring, Servicing &Maintaining of 4 feet 36-40 Watts LED type Tube light fitting with accessories. **Upto 7 Days**	Set	1
3.	Hire charges for Supply, Fixing, Wiring, Servicing &Maintaining of 4 feet 36-40 Watts LED type Tube light fitting with accessories. **Upto 15 Days**	Set	1
4.	Hire charges for Supply, Fixing, Wiring, Servicing &Maintaining of 4 feet 36-40 Watts LED type Tube light fitting with accessories. **Upto One Month**	Set	1

5.	Hire charges for Supply, Fixing, Wiring, Servicing & Maintaining of 150 Watts LED type Flood light fitting with accessories.' **Upto 3 Days**	Set	1
6.	Hire charges for Supply, Fixing, Wiring, Servicing & Maintaining of 150 Watts LED type Flood light fitting with accessories **Upto 7 Days**	Set	1
7.	Hire charges for Supply, Fixing, Wiring, Servicing & Maintaining of 150 Watts LED type Flood light fitting with accessories **Upto 15 Days**	Set	1
8.	Hire charges for Supply, Fixing, Wiring, Servicing & Maintaining of 150 Watts LED type Flood light fitting with accessories **Upto One Month**	Set	1
9.	Hire charges for Supply, Fixing, Wiring, Servicing & Maintaining of 200 Watts LED type Flood light fitting with accessories. '**Upto 3 Days**	Each Set	1
10.	Hire charges for Supply, Fixing, Wiring, Servicing & Maintaining of 200 Watts LED type Flood light fitting with accessories. **Upto 7 Days**	Each Set	1
11.	Hire charges for Supply, Fixing, Wiring, Servicing & Maintaining of 200 Watts LED type Flood light fitting with accessories. **Upto 15 Days**	Each Set	1
12.	Hire charges for Supply, Fixing, Wiring, Servicing & Maintaining of 200 Watts LED type Flood light fitting with accessories. **Upto One Month**	Each Set	1
13.	Hire charges for supplying, fixing, wiring and maintaining of DG sets and connected accessories. The DG set should be maintained for all the 24 hours with necessary diesel for running the set, with operator b) 30 KVA DG SET	Days	1

14.	Hire charges for supplying, fixing, wiring and maintaining of DG sets and connected accessories. The DG set should be maintained for all the 24 hours with necessary diesel for running the set, with operator c) 62.5 KVA DG SET	Days	1
15.	Hire charges for supplying, fixing, wiring and maintaining of DG sets and connected accessories. The DG set should be maintained for all the 24 hours with necessary diesel for running the set, with operator d) 125 KVA DG SET	Days	1
16.	Hire charges for supplying, fixing, wiring and maintaining of DG sets and connected accessories. The DG set should be maintained for all the 24 hours with necessary diesel for running the set, with operatore) 180 KVA DG SET	Days	1
17.	Hire charges for supplying and fixing of suigtable size casurina poles for running circuit of service mains.	Days	1
18.	Hire charges for supplying wiring and maintaining suitable size L.T panel board with pilot lamp arrangements and the following switches ,I) 200 amps TPST switch with pilot lamp and neutral '	Days	1
19.	Hire charges for supplying, fixing servicing and and maintaining of following change over switch for providing alternative power supply as requied I) 125 Amps to 250 Amps 4 pole	Days	1
20.	Hire charges for supplying fixing servicing and maintaining of following MCCB suitable to operate on 440 Volts 50 Hz AC supply and wired completely i) 100 to 200Amps 4 Pole '	Days	1
21.	Hire charges for supplying and fixing MCB on existing board using necessary fixing materials and wiring complete. iv) 32 to 63Amps MCB 4 Pole '	Days	1
22.	Hire charges for providing earth electrodes as per the earthing specification.	Each	1

23.	Hire charges for supplying, laying, connecting PVC insulated armoured / unarmoured LT UG cable with necessary cable glands, socket etc., as requied.iii. 3.5 X 70 sqmm '	Per Mtr	1
24.	Hire charges for supplying & running circuit service main with necessary messenger wire and reel insulators and maintaining the same using. iv) 4 of 35 sqmm PVC insulated and sheathed aluminum wire '	Per Mtr	1
25.	Hire charges for supplying & running circuit service main with necessary messenger wire and reel insulators and maintaining the same using i) 2 of 6sqmm/10sqmm PVC insulated sheathed aluminium wire.'	Per Mtr	1
26.	Hire charges for supply, fixing, wiring, servicing and maintaining extension boxes with 6/8 way provision with individual control extendable upto 15mtrs '	Each	1
27.	Hire charges for step ladder mounted on moving vehicle up to 10mtrs height with extendable facility inclusive of vehicle fuel & driver as applicable	Days	1
28.	Hire charges for supply, fixing, wiring servicing and maintaining of LED decorative series set	set	1
29.	Hire charges for supplying, fixing servicing and maintaining of LED Type running set	set	1
30.	Hire Charges for Public Address System of Portable Public Address System: 2 sets AHUJA Dual Hand Wireless Microphone/ wired microphone , Ahuja Amplifier with Bluetooth & Wifi & 4 Mic & 1 Aux Inputs, Preamplifier with Recording Facility, MP3 Player inbuilt, Resettable circuit breaker, Instant transfer to DC power, 6 nos Ahuja 20 Watt Speaker, Horn with connected all accessories.'	Days	1
31.	Hire Charges for Smart LED TV of Screen: 55 inch LED, Resolution: HD, Refresh Rate: 60 hertz, Connectivity: 2 HDMI ports, 1 USB Port, Sound : 20 Watts Output, Smart TV Features : Personal Computer, Screen Share, Music System, You Tube Enabled, Internet Compatible, Wifi per Day with Tripod Stand with necessary	Days	1

	accessories.'		
32.	Hire Charges for supply, fixing, servicing & maintaining Dome/Bullet Camera 4 MP or higher IP Camera with Operating Temperature rmance CMOS, HD output, up to 5MP resolution True Day/Night, OSD menu, DNR, Smart IR EXIR technology, up to 40m IR distance IP66 weatherproof. ' **Upto 3 Days**	Each	1
33.	Hire Charges for supply, fixing, servicing & maintaining Dome/Bullet Camera 4 MP or higher IP Camera with Operating Temperature Megapixel high-performance CMOS, HD output, up to 5MP resolution True Day/Night, OSD menu, DNR, Smart IR EXIR technology, up to 40m IR distance IP66 weatherproof. **Upto 7 Days**	Each	1
34.	Hire Charges for supply, fixing, servicing & maintaining Dome/Bullet Camera 4 MP or higher high-performance CMOS, HD output, up to 5MP resolution True Day/Night, OSD menu, DNR, Smart IR EXIR technology, up to 40m IR distance IP66 weatherproof. **Upto 15 Days**	Each	1
35.	Hire Charges for supply, fixing, servicing & maintaining Dome/Bullet Camera 4 MP or higher IP Camera with Operating Temperature Megapixel high-performance CMOS, HD output, up to 5MP resolution True Day/Night, OSD menu, DNR, Smart IR EXIR technology, up to 40m IR distance IP66 weatherproof. **Upto 30 Days**	Each	1
36.	Hire Charges for supply, fixing, servicing & maintaining of 4 Channel NVR/DVR '	Days	1
37.	Hire Charges for supply, fixing, servicing & maintaining of 8 Channel NVR/DVR '	Days	1
38.	Hire Charges for supply, fixing, servicing & maintaining of Hard Disk Upto 2 TB Survialance with all accessories '	Days	1
39.	Hire Charges for supply, fixing, servicing & maintaining of Hard Disk Upto 4 TB Survialance with all accessories	Days	1
40.	Hire Charges for supply, fixing, servicing & maintaining of monitor 22" LED Display with all accessories.'	Days	1
41.	Hire Charges for supply, fixing, servicing & maintaining of CCTV 3+1 copper cable	Mtr	1
42.	Hire Charges for supply, fixing, servicing & maintaining of CAT-6 Cable	Mtr	1
43.	Hire Charges for supply, fixing, servicing & maintaining of 5 KVA UPS system with battery ' **Upto 3 Days**	Each	1

44.	Hire Charges for supply, fixing, servicing & maintaining of 5 KVA UPS system with battery **Upto 7 Days**	Each	1
45.	Hire Charges for supply, fixing, servicing & maintaining of 5 KVA UPS system with battery **Upto 15 Days**	Each	1
46.	Hire Charges for supply, fixing, servicing & maintaining of 5 KVA UPS system with battery **Upto 30 Days**	Each	1
47.	Hire Charges for supply, fixing, servicing & maintaining of 10 KVA UPS system with battery **Upto 3 Days**	Each	1
48.	Hire Charges for supply, fixing, servicing & maintaining of 10 KVA UPS system with battery **Upto 7 Days**	Each	1
49.	Hire Charges for supply, fixing, servicing & maintaining of 10 KVA UPS system with battery **Upto 15 Days**	Each	1
50.	Hire Charges for supply, fixing, servicing & maintaining of 10 KVA UPS system with battery **Upto 30 Days**	Each	1
51.	Hire Charges for supply, fixing, servicing & maintaining of LED Wall 12" x 8" and all acessories. '**Upto 3 Days**	Each	1
52.	Hire Charges for supply, fixing, servicing & maintaining of LED Wall 12" x 8" and all acessories. **Upto 7 Days**	Each	1
53.	Hire Charges for supply, fixing, servicing & maintaining of LED Wall 12" x 8" and all acessories. **Upto 15 Days**	Each	1
54.	Hire Charges for supply, fixing, servicing & maintaining of LED Wall 12" x 8" and all acessories. **Upto 30 Days**	Each	1
55.	Supply of Air Freshner cakes	Each	1
56.	Supply of Room Freshner	P/Ltrs	1
57.	Supply of Urinal cakes	Each	1
58.	Supply of HCL	P/Ltrs	1
59.	Supplying & fixing of Coil Holding Refractory Bricks suitable for vertical coil insertion system electrical	Each	1

	crematorium furnace conforms to IS-2042. The bulk density of the brick will be max of 2.20gm/cm^2 and operating temperature of 650^0c to 850^0c and max temperature of 1300^0c.The size of the bricks- 115 x 115 x300mm including loading. Unloading and transportation to work site.		
60.	Supplying & fixing of Insulation Refractory STANDARD bricks suitable for crematorium furnace having the bulk density of max of 0.60gm/cm^2 and maximum working temperature of 1300^0c. the size of brick 75 x 115 x 225mm including loading and unloading to work site	Each	1
61.	Supplying & fixing of STD IS 8 Alumina Refractory bricks suitable for electrical crematorium furnace having maximum working temperature of 1300^0c.The size bricks – 75 x 115 x 225mm including loading, Unloading and transportation to work site.	Each	1
62.	Supplying & fixing of STD IS 6 Alumina Refractory bricks suitable for electrical crematorium furnace having maximum working temperature of 1300^0c.The size bricks – 75 x 115 x 225mm including loading, Unloading and transportation to work site.	Each	1
63.	Supplying & fixing IS 8 Alumina Refractory Side Arch Bricks suitable for electrical crematorium furnace having required mechanical strength and maximum working temperature of 1300^0c. The size bricks- 230 x 115 x 75/65mm including loading, unloading and transportation to work site.	Each	1
64.	Supplying & fixing of Refractory Slabs (MCL) suitable for electrical crematorium furnace having the required mechanical strength and chemical composition as per IS 2042 and IS-1528, max working temperature up to 1300^0C.The size of the bricks-115 x300 x 450mm including loading and unloading, transportation to work site.	Each	1
65.	Supplying & fixing Body Laying With 70% aluminiumMoulded RefractoryBricks (MCL) suitable for electrical crematorium furnace having the required mechanical strength and chemical composition as per IS-2042 and IS-1528 max working temperature up to 1300^0c. The bricks-150 x 300 x 600mm including loading, unloading and transportation to work site.	Each	1
66.	Supplying of refractory cement fine ACC-50 (25 kg/bag) for casting refractory bricks	Each Bag	1
67.	Supplying of refractory cement FIRECRETE super (25 kg/bag) for casting refractory bricks	Each Bag	1
68.	Supplying & fixing of Refractory cement white heat K ACC make for casting refractory bricks. 25 kgs bag	Each Bag	1

69.	Supplying of Acoustic Set Thermotex LiquidBlinder suitable for casting refractory bricks. 40 kgs bucket	Each Drum	1
70.	Supplying & fixing of FIBER blank kit 64 grade suitable for electrical crematorium furnace heat insulation-7300 x 610 x 25mm	Each Box	1
71.	Supplying & fixing of FIBER blank kit 96 grade suitable for electrical crematorium furnace heat insulation-7300 x 610 x 25mm	Each Box	1
72.	Supplying & fixing of FIBER blank kit 128 grade suitable for electrical crematorium furnace heat insulation-7300 x 610 x 25mm	Each Box	1
73.	Supplying & fixing of SS stud of size 304 x 250 x 10mm with locking washer for door work	Nos	1
74.	Supplying & fixing of FIRE clay cement (40 kg/bag) for casting refractory bricks.	Each Bag	1
75.	Supplying & fixing of Refractory Slabs IS-8 high aluminium suitable for electrical crematorium furnace having the required mechanical strength and chemical composition as per IS 2042 and IS-1528, mx working temperature up to 1300^0c. The size of bricks-100 x 300 x 450mm including loading and unloading, transportation to work site.	Each	1
76.	Supplying & fixing of Refractory Slabs IS-8 high aluminium suitable for electrical crematorium furnace having the required mechanical strength and chemical composition as per IS 2042 and IS-1528, mx working temperature up to 1300^0c. The size of bricks-100 x 300 x 600mm including loading and unloading, transportation to work site.	Each	1
77.	Supplying & fixing of 3.5 KW Heating coils made out of 5.8mm thick APM wire, heating Zone should be 950mm length, End terminal rod SS 304 grade 10mm dia 550mm length suitable for vertical mounting system in electrical furnace including porcelain beeds, spacers supporting rods complete including loading, unloading and transportation to work site.	Each	1
78.	Supplying & fixing of Epoxy of Epoxy insulators (bus bar mounting)	Each	1
79.	Providing servicing, repairing and overhauling of existing body charging trolley complete.	Set	1
80.	Servicing & cleaning of Scrubber, Tank,Scrubber duct,Exhaust Blower, Exhaust Duct Furnace to Chimny and cleaning of chimny (6 monts once)	Set	1

81.	Furnace main door servicing include of bearing replacement 2 no's and door lifting chain replacement	Set	1
82.	Supply & erection of 1/2HP 3Phase 50Hz, 1440RPM flange mounting motor with gear output 10RPM with grounting frame, complete including loading, unloading and transportation to work site spare.	Set	1
83.	Supply & erection 2HP 3Phase, 50Hz, 1440 RPM induction flange mounted water pump for Scrubber, inlet 2 inch, outlet 1 ½ inch,	Nos	1
84.	Supply & erection of 1HP single phase 50Hz water pump (open well Submersibal pump set)	Nos	1
85.	Supply & erection of Smoke exhaust motor 7.5 Hp 3 phase, 50Hz,1500rpm, induction motor, with table lock pully 180 dia, 2 Nos grove, MAKE: ABB/Kirloskar/Suguna or Equalent	Nos	1
86.	Supply & erection of SS310 pipe Thermocouple 19 mmOD & 700mm length, simplex	Nos	1
87.	Supply & erection of 2 wire Temperature controller range 0 to 1200◦c of size 99 x 99MM,	Nos	1
88.	Providing door lifting mechanism set for manually operating made out by 2 bearings 30mm dia and 50mm dia bore shaft and 40 * 40*100mm shifting block with handle and mounting bracket.	Set	1
89.	Supply & erection of 22211CK bearing (for exhaust motor)	Nos	1
90.	Supply & erection of 311H sleeve (adapter)	Nos	1
91.	Supply & erection of B-58 belt	Nos	1
92.	Supply and replacement of Smoke exhaust motor fan shaft fabricated out of SS310 dia 50mm x 780mm length with balancing impler 2nos key slot of 10 x 10mm with computer balancing impler-380mm dia,160mm width, 3mm sheet fabricated(SS304)	Set	1
93.	Supply and fixing of VERTICAL heating element suitable to operate on 220 volts 50Hz (4.5 KW capacity of heating element) element shall be made out of 8 SWG 25mm dia 6 mm pitch total length 3100 mm superior	Nos	1

	quality nichrome wire coil and shall be capped with fiberglass tube. New element shall be fixed in furnace heating slots using necessary labour consumable and terminated with end bolts etc complete.		
94.	Supply and fixing of VERTICAL furnace coil holding bricks (240 X 300 X 80mm) made out of refractory material to with stand a temperature of 1000 C using required refractory cement and other binding material to form into required shape (as per BIS-8) complete	Nos	1
95.	Supplying & fixing of 12 Mtr Highmast accessories that include Winch Plate, 250 KG Winch, SS wire Rope 50 Mtr Length, Moulded Cable 4SqmmX3 Core 20 Mtr Length, D clamp Tumble,Crane charges, Labour charges for Data Rate	Each	1
96.	Supplying & fixing of 16 Mtr Highmast accessories that include Winch Plate, 350 KG Winch, SS wire Rope 65 Mtr Length, Moulded Cable 4SqmmX3 Core 30 Mtr Length, D clamp Tumble,Crane charges, Labour charges for Data Rate	Each	1
97.	Supplying & fixing of 20 Mtr Highmast accessories that include Winch Plate, 350 KG Winch, SS wire Rope 65 Mtr Length, Moulded Cable 4SqmmX3 Core 30 Mtr Length, D clamp Tumble,Crane charges, Labour charges for Data Rate	Each	1
98.	Supplying & fixing of 30 Mtr Highmast accessories that include Winch Plate, 350 KG Winch, SS wire Rope 65 Mtr Length, Moulded Cable 4SqmmX3 Core 40 Mtr Length, D clamp Tumble, Crane charges, Labour charges for Data Rate	Each	1
99.	Supplying, installing, testing and commissioning of Diesel Generator set with following specifications. Power rating as per standard reference condition as per-BS 5514/ISO 3046/ ISO 8528 & IS 1002/ISO 3046 Generator set specifications.160 KVA / 128 kw	Set	1
100.	Supply, Erection, testing and commissioning of AMF panel suitable for 160kVA DG set. The panel is of cubical type base/floor mounting control panel with hinged doors, undrilled bottom gland plate, aluminium Bus Bar with the accommodation for .....A 4 pole contactor for alternator with thermal O/L relay,..... A 4 pole contactor for mains, HRC fuse for short circuit protection, Microprocessor based AMF module with supply failure timer, Restoration timer, 3 impulse automatic engine start/stop logic, Mains/generator voltage, ...capacity bypass switch and frequency sensing, PCC 1301controller with water temperature/Lube oil pressure/engine speed, Voltage/ampere/Frequency/ kVA, Running-hour count, No of starts, Fault indication, over / under speed, Fails	Each	1

	to start, Low oil pleasure, High engine temperature, Under/over voltage, over current, Earth fault relay, with indications for Mains on, Load on Mains, Battery charger on Push buttons AMF module by pass Mode, Battery charger unit with inbuilt Auto/Manual and Flat/Boost facility. The complete set shall have sufficient safety and adhere to NEC, NBC 2016, IEC, CPWD specifications, PCB norms and KSGEI Acts and Rules. 160 KVA		
101.	supply, fixing, servicing & maintaining of monitor 22" LED Display with all accessories.MAKE: Samsung/LG or Equalent	Each	1
102.	Supply of Smart LED TV of Screen: 55 inch LED, Resolution: HD, Refresh Rate: 60 hertz, Connectivity: 2 HDMI ports, 1 USB Port, Sound : 20 Watts Output, Smart TV Features : Personal Computer, Screen Share, Music System, You Tube Enabled, Internet Compatible, Wifi per Day with Tripod Stand with necessary accessories.MAKE: SONY/Samsung/LG or Equalent	Each	1

Calendar of Events

1. Quotation documents may be downloaded from the e-procurement portal from **24-07-2025.**
2. Quotation Clarification at the Office of the **Executive Engineer Electrical (South)** Before **: 25.07.2025 at 04.00 P.M**.
3. Last Date & Time for receipt of tenders is: **01-08-2025 up to 4.00 P.M**.
4. Quotation opening date : **02-08-2025 at 4.30 PM**.

Sd/-

Executive Engineer

Electrical

South.

Copy to :

1. Chief Engineer (South) for kind information.
2. Chief Engineer (Electrical) for kind information
3. Notice Board/ Office Copy.

Executive Engineer

Electrical South